

INTEGRATED RFID AND VIDEO TRACKING SYSTEM

ABSTRACT OF THE DISCLOSURE

A video surveillance system is integrated with an RFID tracking system. The calibration of the RFID tracking system is enhanced by using information provided by the video surveillance system. Optionally, the calibration of the video surveillance system may be enhanced by using information provided by the RFID tracking system. Calibration of the RFID tracking system is facilitated by placing RFID tags at visually apparent locations in a surveillance area and using the location information determined from the video surveillance system to determine appropriate correction factors for use in subsequent RFID location determinations. Dynamic performance is also calibrated by placing RFID tags on visually apparent moving targets and using the location information determined from the video surveillance system to determine the parameters used to qualify subsequent RFID location estimates of moving targets.